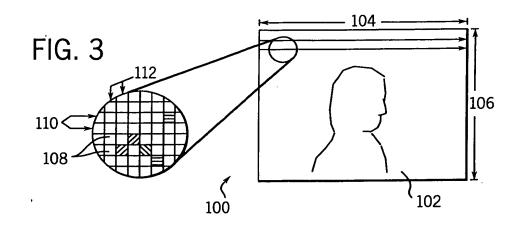
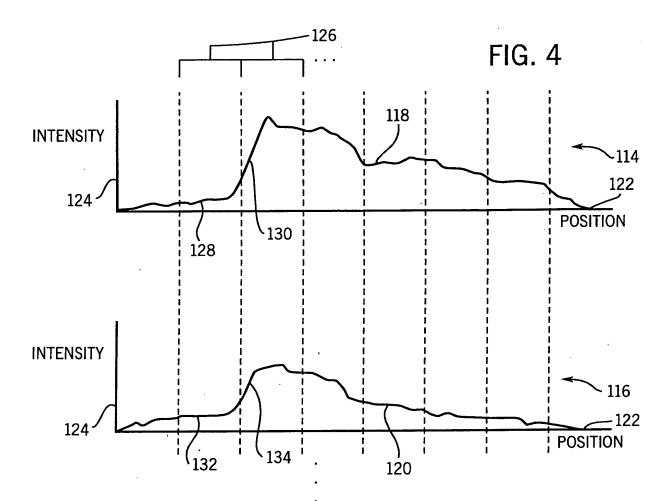
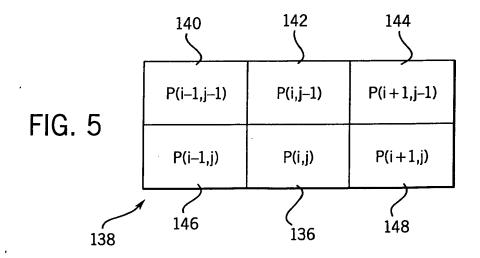


FIG. 1

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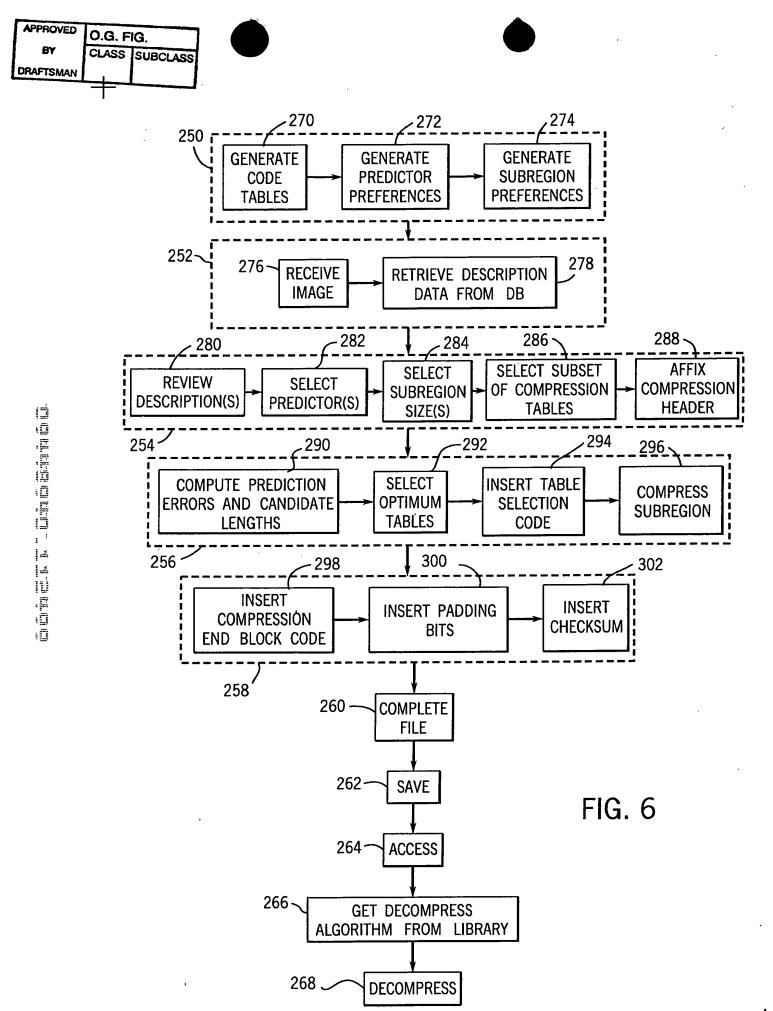






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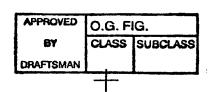


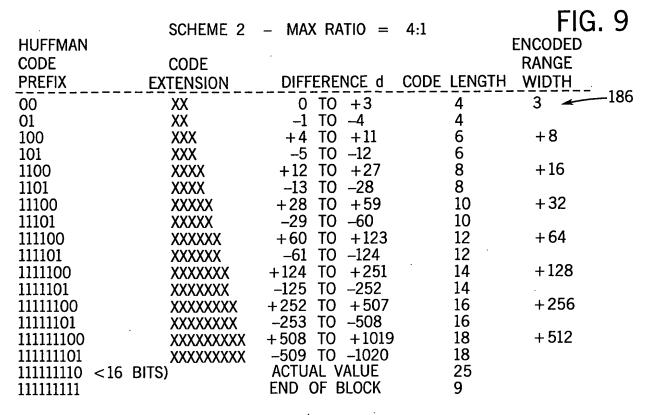
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APPROVED	O.G. FIG.		
BY	CLASS	SUBCLASS	
DRAFTSMAN	,		

HUFFMAN CODE	16 - BIT SCHEME 0 CODE	LOSSLESS ENCOD - MAX RATIO	= 16:1	FIG. ENCODED RANGE	7
PREFIX	EXTENSION	DIFFERENCE d	CODE LENGTH	WIDTH	
180		0	1	0	
100		+1	3	+1	•
101		-1	3 3 5 5 7	-	
\ 1100	X	+2 TO +3	5	+2	1
1101	X	-2 TO -3	5	. 4	170
11100	XX XX	+4 TO +7 -4 TO -7	, 7	+4	
11101 111100	YYY	+8 TO +15	9	+8	
111101	XXX 182	-8 TO -15	9	, 0	
1111100	XXXX	+16 TO +31	11	+16	
1111101	XXXX	–16 TO –31	11		
11111100	XXXXX	+32 TO +63		+32	
11111101	XXXXX	−32 TO −61	13		
111111100	XXXXXX	+64 TO +12		+64	
111111101	XXXXXX	-64 TO −127		. 100	
1111111100	XXXXXXX	+128 TO +25 -128 TO -255		+128	
1111111101 11111111100	XXXXXXX XXXXXXXX	-128 TO -255 +256 TO +51		+256	
1111111100	XXXXXXXX	-256 TO -511	19	1 200	
11111111101 < 16 E		ACTUAL VALUE	27	k	
(11111111111	1	END OF BLOCK)	
172	174		176	178	
			170		

HUFFMAN CODE PREFIX	SCHEME 1 CODE EXTENSION	MAX RATIO =DIFFERENCE d	5.33:1 CODE LENGTH	FIG. 8 ENCODED RANGE WIDTH
00	Χ	0 TO +1	3	1
01	Χ	−1 TO −2	3 3 5 5 7	_
100	XX	+2 TO +5	5	+4
101	XX	-3 TO -6	5	. 0 104
1100	XXX	+6 TO +13	7	+8 ,184
1101 11100	XXX XXXX	−7 TO −14 +14 TO +29	9	+16
11100	XXXX	-15 TO -30	9 9	110
111100	XXXXX	+30 TO +61	1 1	+32
111101	XXXXX	−31 TO −62	11	
1111100	XXXXX	+62 TO +125	13	+64
1111101	XXXXXX	–63 TO –126	13	
11111100	XXXXXX	+126 TO +253	15	+128
11111101	XXXXXXX	–127 TO –254	15	. 256
111111100	XXXXXXXX	+254 TO +509	17 17	+256
111111101 1111111100	XXXXXXXX	-255 TO -510 +510 TO +1021	19	+512
1111111100	XXXXXXXXX XXXXXXXXX	-511 TO -1022	19	7 312
11111111101 < 16 E		ACTUAL VALUE	26	
1111111111	···· ··	END OF BLOCK	10	





		MAY DATIO	•	IG. 10
HUFFMAN CODE PREFIX	SCHEME 3 - CODE EXTENSION	MAX RATIO = 3. DIFFERENCE d	CODE LENGTH	ENCODED RANGE WIDTH
00	XXX	0 TO +7	5	7188
01 100	XXX XXXX	−1 TO −8 +8 TO +23	5 7	+16
101 1100	XXXX XXXXX	−9 TO −24 +24 TO +55	7 9	+32
1101 11100	XXXXX XXXXXX	−25 TO −56 +56 TO +119	9 11	+64
11101 111100	XXXXXX XXXXXXX	-57 TO -120 +120 TO +247	11 13	+128
111101 1111100	XXXXXXXX XXXXXXXX	-121 TO -248 +248 TO +503	13 15	+256
1111101	XXXXXXX	-249 TO -504	· 15	
11111100 11111101	XXXXXXXXXX	+504 TO +1015 -505 TO -1016	17 17	+512
11111110 <16 11111111	BITS)	ACTUAL VALUE END OF BLOCK	24 8	

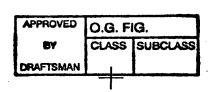


FIG. 11

HUFFMAN CODE PREFIX EX	SCHEME 4 CODE XTENSION	<pre>- MAX RATIO = DIFFERENCE d</pre>	2.67:1 CODE LENGTH	ENCODED RANGE WIDTH
00	XXXX	0 TO +15	6	15 190
01	XXXX	-1 TO -16	6)
100	XXXXX	+16 TO +47	8	+32
101	XXXXX	–17 TO –48	8	
1100	XXXXXX	+48 TO +111	10	+64
1101	XXXXXX	–49 TO –112	10	
11100	XXXXXXX	+112 TO +239	12	+128
11101	XXXXXX	-113 TO -240	12	
111100		+240 TO +495	- 14	+256
111101	XXXXXXX	-241 TO -496	14	
1111100	XXXXXXXX	+496 TO +1007	16	+512
1111101	XXXXXXXX	-497 TO −1008	16	
1111110 < 16 BITS)		ACTUAL VALUE	23	
1111111		END OF BLOCK	7	·

	SCHEME 5 -	MAX RATIO = 2.	20.1	FIG.	12
HUFFMAN	SOMEWE 5 -	WAX KATIO — 2.	29.1	ENCODED	
CODE	CODE			RANGE	
PREFIX	EXTENSION	DIFFERENCE d	CODE LENGTH	WIDTH	
00	XXXXX	0 TO +31	7	31	192ر ۔
01	XXXXX	−1 TO −32	7		~
100	XXXXXX	+32 TO +95	9	+64	
101	XXXXXX	–33 TO –96	9		
1100	XXXXXXX	+96 TO +223	11	+128	
1101	XXXXXXX	−97 TO −224	11		
11100	XXXXXXX	+224 TO +479	13	+256	
11101	XXXXXXX	–225 TO –480	13		
111100	XXXXXXX	+480 TO +991	15	+512	
111101	XXXXXXX	–481 TO –992	15		
111110 <16 B	ITS)	ACTUAL VALUE	22		
111111		END OF BLOCK	6		

